

Title (en)
Electrophotographic photoreceptor

Title (de)
Elektrophotographischer Photorezeptor

Title (fr)
Photorécepteur électrophotographique

Publication
EP 0725316 B1 19990630 (EN)

Application
EP 96300593 A 19960129

Priority
JP 1272995 A 19950130

Abstract (en)
[origin: EP0725316A1] A photoreceptor for electrophotography is disclosed. The photoreceptor comprises a electroconductive substrate, having a ten-point mean roughness R_z of from 0.5 μm to 4.0 μm , an interlayer and a photoconductive layer provided in this order and the interlayer comprises a reaction product of an organic metal compound represented by Formula 1 and a silane coupling agent represented by Formula 2, and where $\langle \text{MATH} \rangle$ wherein L is the average thickness of the interlayer Formula 1 $(\text{RO})_m\text{MX}_n$ wherein R is an alkyl group; M is a metal atom; X is a chelete ligand; and m and n are each 0 to 4 and the sum of m and n is 3 or 4; Formula 2 $(\text{Za}(\text{A})_b\text{Si}(\text{Y})_c$ wherein Z is halogen, alkoxy or amino; A is alkyl or aryl; Y is an organic functional group; and a and c are each 1 to 3, b is 0 to 2, and the sum of a, b and c is 4.

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G03G 5/14; G03G 5/10

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